

From boatanchors@theporch.com Mon Aug 14 00:30:00 1995
From: Damon Z Cassell <dcassell@lynx.dac.neu.edu>
Subject: (fwd) FS:Collins Equipment
Message-ID: <199508131706.NAA01394@lynx.dac.neu.edu>

Path: chaos.dac.neu.edu!usenet.eel.ufl.edu!spool.mu.edu!howland.reston.ans.net!
news.sprintlink.net!news.ro.com!news
From: jim kinney <jkinney@ro.com>
Newsgroups: rec.radio.swap
Subject: FS:Collins Equipment
From boatanchors@theporch.com Mon Aug 14 00:30:00 1995
From: lakeith@wrdis01.robins.af.mil (Larry Keith)
Subject: A Truck Full Of Memories
Message-ID: <199508132134.QAA21120@wrdis01.robins.af.mil>

Thanks to all of you who responded to my "HRO-110" query. I now know that the rig is a National NC-1-10A and it is helping to hold down my workbench!

Next to it is a beautiful Hallicrafters SX-28. This is my first Halliscratchers and it looks like no restoration is required. When I finish this, I am going to clear a space and hook up that old guy...

And, just to balance things out, there is also a National HRO-5TA1 with a matching speaker. The power supply cord looks dangerous, but the rig is supposed to work!

Along with those is a Gonset Communicator III with a few crystals. 6M AM, anyone?

All of these items came from the shack of K4PN. Bill called me a few days ago and offered to give these rigs to me. So, I drove up to his home on Lake Lanier, spent a couple of hours talking with Bill and loading up the rigs. As you may have guessed, Bill knows that he isn't going to be around much longer, and he wanted to see that this gear got to someone that appreciated it. But, don't think that my visit was a somber session. Bill told me about his Navy days, as a Chief Radioman on Admiral Halsey's staff. We looked through his spare tubes and I found a few of those to bring home. We compared notes on children and grandchildren. I admired his collection of certificates, especially the Extra Class license certificate issued in the 30's. We talked about the immaculate Collins S-Line that is going to one of his son-in-laws. And, we sat and discussed some of his other interests, had a cold drink, and damned a few politicians! During our loading exercise, he pulled out a great photo of him at his station in the '40s.. There were the HRO, the SX-28, and the Gonset.. But, the star of the photo was a homebrew AM kilowatt in a 6-foot rack. Beautiful is the only word to describe it!

Bill opened up an old Vibroplex case and let me try out those ruby bearings while he told of being shipwrecked and spending 15 hours in the Pacific Ocean, clinging to an empty 5 gallon can and holding the Vibroplex out of the water.

I told Bill about this list and some of the people on it. He asked that I forward his best wishes to this group and tell you to keep the firebottles burning!

My trip home gave me a couple of hours to reflect on my visit. I hope that you can tell that I was impressed by Bill. In that short visit I learned to appreciate his courage, humor, pride in his family, and his unabashed love for amateur radio. I asked for, and received, one of his QSL cards. It's going to be framed and posted when I can see it when I am operating my rig. I want to be reminded of that callsign and the friend that gave me a lesson in living along with some very nice radios.

73,

Larry, KQ4BY

From boatanchors@theporch.com Sun Aug 13 10:35:00 1995
From: "Ray L. Mote" <rmote@rain.org>
Subject: Aussie AN/PRC-64's
Message-ID: <Pine.SUN.3.91.950812194544.10672E-100000@coyote.rain.org>

VK3AQB just delivered a pair of Australian Army AN/PRC-64 sets, with U.S. manuals for the AN/PRC-64A. Does anyone know what the difference between the plain "64" and the "64A" is? Or, does anyone know if the Aussies upgraded their 64's to the "A" variant? How about a source of batteries (the BA-1509/PRC-64 -- 28V, 12V, & 4V). Any "nasties" I ought to know about?

73.....Ray Mote, W6RIC (805) 985-6048

From boatanchors@theporch.com Mon Aug 14 00:30:00 1995
From: "Ray L. Mote" <rmote@rain.org>
Subject: Re: Aussie AN/PRC-64's
Message-ID: <Pine.SUN.3.91.950813080117.29960A-100000@coyote.rain.org>

Well, while you were fighting 'em off, I was lounging in an air-conditioned SAC radio room, having given up humping AN/PRC-10's, AN/GRC-9's, AN/PRC-47's and the like in the Marines. Did the grunt bit

from 61-64, then Air Farce from 64-69. At that point, having married the SAC telephone operator who helped me run patches for the B-52's & KC-135's, I graciously allowed her and Uncle to put me through school.<grin>

It's a cute little solid-state 1967-vintage box weighing a whole 7 or 8 pounds, an AM/CW 4-channel crystal-controlled transceiver covering 2-8 Mc. The receiver has 2 RF and 2 IF stages, with 5 mW out to the phones. The transmitter puts out a whopping 5 watts. Power is a multi-voltage dry battery BA-1590/PRC-64: 4V at about 13 mA for the receiver, 12V and 28V at about 700 mA for the transmitter. Box is 5 x 4.5 x 10 inches -- it looks more like a small accessories box for a *real* radio! But, the little sucker contains a Collins F455FA05 500 Hz filter! Ooooooh!

Unfortunately, the little beast came without crystals. Guess the Aussies didn't want to hear 'em on their frequencies after sale. The transmitter uses CR-89/U crystals cut for the frequency to be used. The receiver uses CR-78/U crystals cut for a frequency 455 Kc higher than the frequency to be used. Bet those will be costly, if I can get International Crystals to set me up with a couple for 80 meters.

One interesting sidelight: The manual shows photos with the case open, revealing an antenna length chart in the lid. That chart shows frequency ranges starting at 2 Mc and going up to (gasp!) 8 Mc! Sure enough, the raised lettering for that chart has been painted over in the real radios, and another chart stenciled in that goes from 2 to 6 Mc. I wonder why they dropped the 6 Mc to 8 Mc range? Some technical problem? Or just decided that they didn't want to cover that part of the spectrum in that application? Anybody know the answer?.....

On Sat, 12 Aug 1995, nuusers wrote:

> Ray,
> What is it's freq range? I know of PRC-74, "humped" my
> share of PRC-25 and 77's, but never heard of a 64...I get home I'll
> check my Janes...
> 73,
> Steve KD1DT
> Survivor of the '68 Tet Offensive
>
>

From boatanchors@theporch.com Mon Aug 14 00:30:00 1995
From: jlb@earthlink.net
Subject: Automated L-Network
Message-ID: <199508132010.NAA10734@atlas.earthlink.net>

Hi,

A few weeks ago I posted an inquiry asking if anyone had a fully automated L-Network for 40m, 80m, and 160m up and running. And if so would they share there insights. I got several responses stating that they would like to have one and yes they had seen one somewhere. But no one had one up and running. So basically I am back at square one. Thanks to the internet square one is an exciting place to be. I did some reseach that I hope will be helpful to all who are interested in an automated L-network. As the project develops I will post

more information. Here is the information and sources that I have gathered so far.

(1.) One person suggested the following over all approach to building the project.

(A.) Use a modeling program to determine the range of impedances the vertical would present over the frequency range of interest. (B.) Design a network or networks which would match the impedances over the frequency range. (C.) Calculate the voltages and currents the components would have to . Repeat step B. as necessary to find networks which have components you're able to buy or build. (D.) Finalize and document the basic network. (E.) Develop a suitable method for automating the basic network. You need some way of sensing the quality of the match and an algorithm to tune the network to drive the match to 1:1. You might be able to get by with an SWR sensor, but it wouldn't give you information on which way you'd need to tune. Presumably the algorithm could be made to try one way and, if it didn't work, the other. You'll need motors to drive variable capacitors, relays to switch inductors, and circuitry to drive them. The physical layout could be tricky. To keep losses to a minimum, you need to keep Q high. This results in large circulating currents which can cross-talk into nearby electronic circuits

(2.) There is a noteworthy picture of a remotely operated tuner in May 1995 issue of QST. I contacted the owner of the tuner W7LR, Robert Leo, and the first thing that he told me was that he wrote an article describing the construction of the tuner for QST but that the editors rejected the article and kept the picture. He sent me a copy of his unpublished article and it has a wealth of information about the construction procecedure and parts sources. Gears, belts, relays etc.

(3.) There is an article in December 1956, Page 15, QST. "Automatic Antenna Tuning for the Amateur." It discusses a fully automated system using tubes. The article describes the circuit in detail with emphasis on the phase detector. This uses tube theory so it may not be pertinent to your project but it is a good "read."

(4.) There is a publication that I have read and highly highly recommend. It is entitled, "40 Years of Mobileering" by Don Johnson. It is a compendium of projects concerning mobile antennas and antenna tuners. And there is an article that describes how to build an automated tuner with circuit boards

available from a supplier. The circuit appears to be easily adaptable to almost any tuner. I have one reservation though and I welcome any comments. This tuner works with a fixed capacitor and an automated variable roller inductor. My thought is that the best design would be to have both the capacitor and the inductor variable. (Comments please.)

Well that is what I have collected to date. I am in the process of laying out the chassis for the L-network and will be mounting the capacitor (25-2500pF 7000V variable), the roller inductor (49mH 5000v) and 2 RF switches. I intend to build up a manual version, test it and then automate it. Again any comments are welcome. If you decide to contact Robert Leo I am sure that he would appreciate an sase and \$ for xeroxing.

Joe AA6WG

From boatanchors@theporch.com Mon Aug 14 00:30:00 1995
From: W3BJZ@aol.com
Subject: Collins 51J3/4 Parts
Message-ID: <950813182208_53861070@aol.com>

I am still looking for the power transformer for this unit and also the plastic KHZ dial. Thanks very much. Dave, W3BJZ, publisher of the monthly Collins Journal.
(814) 487-7468

From boatanchors@theporch.com Sun Aug 13 10:35:00 1995
From: doonan@cordmc.dnet.etn.com (DENNIS DOONAN X6916 (KG9DO))
Subject: Re: Dave Ishmael's book
Message-ID: <9508131316.AA29667@etn.com>

OK,

It sounds good. Now, please tell the rest of us where we can order this book (and how much it will cost).

TXN 73 de Dennis KG9DO

From boatanchors@theporch.com Sun Aug 13 10:35:00 1995
From: "Tony Stalls (K4KY0)" <j38@clark.net>
Subject: Re: Dave Ishmael's book
Message-ID: <Pine.SOL.3.91.950813101848.28247A-100000@clark.net>

On Sun, 13 Aug 1995, DENNIS DOONAN X6916 wrote:

> OK,

> It sounds good. Now, please tell the rest of us where we can
> order this book (and how much it will cost).
> TXN 73 de Dennis KG9DO

If it's Dave's "Vintage Anthology", you can order it from Electric Radio, Box 57, Hesperus, CO 81326. It's \$14.95 plus \$3.00 for shipping and handling. (What is "handling" anyway? <G>)

73,
Tony
K4KY0

From boatanchors@theporch.com Mon Aug 14 00:30:00 1995
From: HAMRLUND@aol.com
Subject: Re: Dave Ishmael's book
Message-ID: <950813105242_73278795@aol.com>

dave ishmael's book call dave at- 714-979-5858 hes in CA. so allow for west coast time..
cost: i don't remember , around (less than \$20.00)
thats how i got mine.

robert-----> the Hammarlund guy

From boatanchors@theporch.com Mon Aug 14 00:30:00 1995
From: HAMRLUND@aol.com
Subject: Re: Dave Ishmael's book
Message-ID: <950813105602_53663896@aol.com>

>What is handleing anyway?

something you can do with a shipment...
but can't otherwise.....

: >))

robert

From boatanchors@theporch.com Mon Aug 14 00:30:00 1995
From: HAMRLUND@aol.com
Subject: DX 60 Net 7.290 Sunday's 2 pm EST
Message-ID: <950813141537_73378739@aol.com>

It's Back, after some time not running, I heard it today..back on the air.
Only lasted 15 min. , but, I think those who did listen gave up.
Understandable.

So thats the scoop....Sunday's 2 pm EST on 7.290 The DX 60 Net is up & running.... : >)))

robert -----> the hammarlund guy

From boatanchors@theporch.com Sun Aug 13 10:35:00 1995
From: Jim Durham <durham@w2xo.pgh.pa.us>
Subject: RE:Favorite Tube
Message-ID: <Pine.BSF.3.91.950812204426.929B-100000@w2xo.pgh.pa.us>

On Sat, 12 Aug 1995, Fire Bottle archive handler wrote:

> Getting in kinda late on this one, but this is my first real chance to
> read the list in a week, except for "obvious" stuff... ;^)
>
> On Tue, 1 Aug 1995, thaake wrote:
> > Speaking of using TV set components has anyone truly, most definetly,
> > cross your heart hope to die built a rig from a defunct TV chassis and
> > not use anything else other then maybe solder and a crystal??
>
>
> I reached up to touch the antenna as I keyed down, just to see if it
> were connected properly. Lordy, doesn't an RF burn hurt like
> *HELL*?!?!? And, they don't smell real good, either! ;^) This was a
> *Really Bad Development*(tm) since my parents were dead set against me
> playing with electronics and radios, and my operation and building
> were pretty much clandestine, even in my own house!
>
> The "good" part of this experience was all the learning that came in
> that one brief "ZAP!" RF burns, current nodes, voltage points, SWR,
> loading, my whole electronics study passed before my eyes and
> solidified on the spot! ;^)
>
I remember K8MGK, Tom, who I met in a strange way related to the above.
I noticed the plate meter on my pair of 6CD6's fluctuating and looked
out the window to see if something on my open wire fed inverted vee
was arcing. I wanted a 65 foot feedline, so it went from my bedroom
window, down to the corner of the patio fence, then up to the antenna.
There was Tom, 14 yrs old like me, sitting on his bycycle pulling arcs
with a pencil from the 450 ohm (it was open, not plastic 450). Pencils
don't insulate that well at 250 watts...8-).

You talk about parents and crazy electronic kids.. Someone gave me a pair of 701As.. big bottles... anyone remember them?... and the sockets. Another guy gave me a pole transformer and I rounded up a pair of 866's somewhere. I bolted this all together, but I was *chicken*, so I put 110 volts on the 220 winding of the pole pig and tuned it up to about 300 watts. I was 14. I hadn't any idea about insulation of HV cables. I ran the rig at 300 watts..it worked fine. One day..time for the big test.. put the 220 on the transformer. Hit the plate switch...

KA>>>BLAMMMMMMM! All the lights go out.. sound of KLUMP..KLUMP..KLUMP.. my 54 year old father took the stairs in 3 leaps! He thought I was DEAD for sure. I thought so too for a moment, but, other than ringing ears, I looked better than he did ! KIDS!

That rig finished it's days at 300 watts!

73
Jim, W2XO

From boatanchors@theporch.com Sun Aug 13 10:35:00 1995
From: KB9VU@aol.com
Subject: FS: Landliner phone patch
Message-ID: <950813015319_73159875@aol.com>

Yaseu "Landliner" speaker/phone patch. Mached to the old FT-101 line of radios. Excellent condition with original manual.

Mike Stover, KB9VU

From boatanchors@theporch.com Sun Aug 13 10:35:00 1995
From: HAMRLUND@aol.com
Subject: FS: a few things that might interest you
Message-ID: <950812200237_53422618@aol.com>

CONTACT: Robert FowleHamrlund@aol.com
Ph.
517-789-6721.....
1215 Winifred....Jackson, Mich. 49202-1946
----->the Hammarlund guy

The following is a list of items that may be of interest,,,,,to you ?
All pricing includes shipping.....

PARTS*****

Of course Hammarlund, if you need something let me know...to much to list,
NOT even Andrew wanted to take the list... : >)))

***** air variables

have the following for sale, capacity listed where known. most have no boxes,
all are poly-bagged. will sell by the piece or trade all for Hammarlund
equipment, manuals, accessories, ect.

If no price is listed...it is \$10.00 each

qty.- part# - capacity (if known)

Hammarlund:

1/ 34604-5
1/ 34604-6
1/ 351-1059
1/ 4111-49
1/ 48A084
1/ 5003-C C1C
1/ 9404-18-00040
2/ 9411-72-50379
2/ 9411-72-60348
1/ 11727-77
1/ A8H501
1/ APC 25 3.0-25.
4/ ASP 100 G \$13.00 ea
1/ APC 100 5.5-100 \$13.00 ea
5/ APC 140 6.7-140 \$13.00 ea
1/ B-253-124-2
1/ B-7485-440-2
1/ C 67380
3/ CT 1E040 5.0-40
1/ CT 1E075 6.0-75.
1/ CT 1F040 5.0-40.
1/ CT 3C040
1/ CT 14E042-M 5.0-42
1/ CT 14E042-J 3.0-10.
1/ CT 14F010-J 3.0-10.
1/ CT 14F042-J 5.0-42
1/ CT 1316047-J 5.5-47.
2/ ES 676693-5
2/ KS-13772

3/ KS-13998L1
1/ KS 18998L14
1/ MACBF-3 1.3-3.1 N.I.B.
1/ MAC-5 N.I.B.
1/ HF-15-X N.I.B.
1/ HF-50 N.I.B.
1/ MAC-20 2.0-21.5
2/ MABF-8 2.0-7.9
1/ MAPC-100 4.5-100. \$13.00
1/ MCD-35 MX 6.0-31. \$15.00
1/ MJ-50-5
1/ P-31800014
1/ P-7761345-15
1/ 34452-40
4/ 841690
1/ 7765659-1 \$25.00

CARDWELL

2/ A-105623 25MuFD \$18.00 ea
3/ ZU-100-AS 3.0-100. \$15.00 ea

B&W

1/ CX-62-C : This is the cap used with the KW plug-in coils \$75.00 new no box

BUD

1/ 1615 AIR GAP-300 75MMFD \$65.00 new no box

EFJ

1/ ? DUAL SECTION 14 3/4" L x 5.50" W 1/8" spacing (approx. measurements)
\$95.00
1/ 48c075 air gap .175 dual sec., 9.75" L x 4" W \$65.00
1/ ? 5.75" L x 4" W single sec. 1/8 " spacing \$55.00
1/ 4134MS4 edge wound 41 uh \$75.00

***** BOOKS & MANUALS

***** HAMMARLUND MANUAL SALE *****

I have a limited number of new manuals i got when i purchased the inventory of Wayne Cordell.....

These are unused originals. some may have a fade area on the cover from storage before I got them, yet others look almost as they did 35+ years ago. these are new unused and in unread condition.

Here's what's available:

HQ-100.....\$23.00 ea
HQ-145-A.....\$23.00 ea
HXL ONE AMP.....\$23.00 ea
HX 50.....\$23.00 ea
HX-500.....\$23.00 ea

Get them while they last. I have never made them available in such away before. This is a unique opportunity.....

SUPPLIES ARE LIMITED.....FIRST COME FIRST SERVE.....

THE FOLLOWING WILL BE 'COPIES'. Prices are shipped.

HAMMARLUND

Comet Pro 2nd Edition	20.00
Comet Pro manual 3	
AVCModel	20.00
Four 20 xmitter & four 11 modulator	20.00
RGB CHC 46140 / CHC 49154	20.00
HQ - 100	18.00
HQ-100A	18.00
HQ-105TR / TRS	18.00
HQ-110	18.00
HQ-110A	18.00
HQ-120X	20.00
HQ-129X	20.00
HQ-140X	20.00
HQ-140XA	20.00
HQ-145	18.00
HQ-145A	18.00
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HQ-150	20.00
HQ-160	20.00
HQ-170	20.00
HQ-170A	20.00
HQ-170A WITH VHF ADDENDA	25.00
HQ-180	20.00
HQ-180 E.A.C. VERSION	20.00
HQ-180 SERIES SERVICE MANUAL 80 PGS.	33.00
HQ-200	20.00
HQ-205	20.00
HQ-215	20.00
HX-50	

HX-50A ADDENDA TO GO W/ HX-50 MAN.	15.00	20.00
HX-500		20.00
HXL ONE AMP		18.00
HC-10		20.00
SPC-10		20.00
HK-1B		15.00
RDF-10		15.00
SP-200 SERIES FACTORY		18.00
SP-200 / BC SERIES MILITARY		25.00
SP-400X		20.00
SP-600-JX ISSUE 2 1951		23.00
SP-600-JX-J ISSUE 3 1952		23.00
SP-600-JX & J ISSUE 7 1956		23.00
SP-600-JX OP. INSTR.		23.00
SP-600-JX SERVICE INSTR.		23.00
SP-600-JX OVERHAUL		23.00
SP-600-JX-17 OP.		23.00
SP-600-JX-17 PREVENTIVE MANT.		23.00
SP-600-JX17 OVERHAUL INSTR.		23.00
SP-600-JX-17 SERVICE INSTR.		23.00
SP-600-JX-17 TECH. MAN. PARTS CATALOG	23.00	
SP-600-JX-17 & JX-21 PREVENT. MAINT.		23.00
SP-600-JX-21 ILLSTRATED PARTS BREAKDOWN	23.00	
SP-600-JX-21 SERVICE INSTR.		23.00
SP-600-JX-21 OVERHAUL INSTR.		23.00
SP-600-JX-21-A ISSUE 1 DEC. 1969		23.00
SP-600-JX-VLF-31		23.00
PRO-310		25.00
AN/URC-51		25.00
HFM-10		18.00
HPS-304		15.00
HFM-30		18.00
CSB-100TH		23.00
FM-5		20.00
FM-50		18.00
FM-60		18.00

ALSO HAVE MANY ADDENDS AND UP-DATE FOR VARIOUS EQUIPMENT.....E-MAIL YOUR NEEDS

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SP-44 COPY	11.00
WR-600G	8.00
WR-600W	8.00
HA-3	6.00
HA-3A	6.00
HA-4	10.00
HA-11	6.00
HA-12	10.00
HA-12A	10.00
HA-13	10.00
HA-26	13.00
HT-40MK1	13.00
HT-40KMK1	13.00
HT-41	13.00
S-29	13.00
S-39	13.00
S-58	4.00
S-119K	13.00
S-200	13.00
SX-140K	13.00
SR-400	18.00
CRX-2	10.00
CRX-2A	10.00
CRX-4	10.00
CRX-5	10.00
CRX-105	10.00
CB-12	10.00
HDW-1	6.00
HDW-2	6.00
HMW-1	6.00
PS-20	6.00
AMECO R5A	13.00
B&W 400	10.00
DENTRON MT3000A	11.00
DRAKE R-4C COPY	12.00
DRAKE T-4XC COPY	12.00
EFJ 275W MATCHBOX	10.00
EFJ VIK. CHALGR. COPY	10.00
ELDICO GDO	12.00
ELDICO TVH	12.00
GONSET COMM. 2	13.00
GONSET G-63	13.00
GONSET G-151A	13.00
GONSET GTS-100/101	10.00

HARVEY WELLS Z-MATCH 13.00
 HARVEYWELLS AIRCRAFT ATR-3-6/ATR-3-12/APS-1-6/APS-1-12 13.00
 MULTI ELMAC PMR-7 13.00
 P&H 6-150 12.00
 P&H 2-150 12.00
 RME VHF-2-11 12.00
 RME HF-10-20 13.00
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 SWAN 250 15.00
 SWAN 270 15.00
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 WRL UM-1 13.00
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 GLOBE SM-90 13.00
 GLOBE KING 500A COPY 13.00
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 KNIGHT KIT X-10 83Y256 8.00
 KNIGHT KIT P-2 6.00
 KNIGHT KIT KG-620 8.00
 KNIGHT KIT KG-60 8.00
 HICKOCK 195B 15.00
 HICKOCK 665 15.00
 B&K 160 11.00
 176 11.00
 177 11.00
 465 11.00
 500 TUB. CHART 10.00
 650 OLD COPY 8.00
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 INTERNATIONAL CRYSTAL FM-2400-C 12.00
 MERCURY 100CK & TUBE BOOK 13.00
 SPRAGUE KT-1 10.00
 JACKSON CRO-2 15.00
 MORROW 3-BR 9.00
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 PRECISION 85 13.00
 120 13.00
 RCA WR-49A 13.00
 RCA WV-77A (NO COVER) 8.00
 SECO 107-C 6.00
 SENCOR TRANSI-MASTER 6.00
 SPECO AS-100-D 6.00
 LM-7 9.00
 TM-11-666 9.00

MN-5	9.00
SCS-17	6.00
CMX-50128A	9.00
TM-11-2241	9.00
CRR-74028	9.00
TM-11-300L	9.00
BC-603 (SCHEMATIC ONLY)	3.00

HAVE MANY MORE MANUALS.....E-MAIL WITH WANTS

*****EQUIPMENT / ACCESSORIES / TEST EQUIPMENT

TEN-TEC 3/ 1145 MAIN TUNING KNOB	8.00
1/ 1175 SAME AS ABOVE	8.00
4/ 1150 SURGE PROTECTORS	13.00 EA.
1/ 241 CRYSTAL OSCILLATOR	33.00
1/ 679 keyer (internal) for Century 22	23.00
1/ AC-2 monitor for Power Mite Series	13.00

AMECO: 1/ PS-1 POWER SUPPLY	25.00
2/ PS-2 POWER SUPPLY	25.00 EA.
1/ CLB CO	

Heathkit

IN-12 w/ manual	25.00
IN-22 w. manual	25.00

Eico

330 w/ manual	35.00
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Weston

capacity meter model 664	35.00
selective analyzer model 665	35.00

Kent moore

high impedance DMM J-29125	25.00
----------------------------	-------

RCA

Voltohmist WV-77E	75.00
-------------------	-------

And this list doen't even come close to everything I have available...

From boatanchors@theporch.com Sun Aug 13 10:35:00 1995
From: HAMRLUND@aol.com
Subject: fs: afew things you might want to see, corrected
Message-ID: <950813001411_73113042@aol.com>

CONTACT: Robert FowleHamrlund@aol.com
Ph. 517-789-6721.....
1215 Winifred....Jackson, Mich. 49202-1946
----->the Hammarlund guy

The following is a list of items that may be of interest,,,,,to you ?
All pricing includes shipping.....

PARTS*****
Of course Hammarlund, if you need something let me know...to much to list,
NOT even Andrew wanted to take the list... : >)))

***** air variables

have the following for sale, capacity listed where known. most have no boxes,
all are poly-bagged. will sell by the piece or trade all for Hammarlund
equipment, manuals, accessories, literature, ect.

If no price is listed...it is \$10.00 each

qty.- part# - capacity (if known)
Hammarlund:

1/ 34604-5
1/ 34604-6
1/ 351-1059
1/ 4111-49
1/ 48A084
1/ 5003-C C1C
1/ 9404-18-00040
2/ 9411-72-50379
2/ 9411-72-60348
1/ 11727-77
1/ A8H501
1/ APC 25 3.0-25.
4/ ASP 100 G \$13.00 ea
1/ APC 100 5.5-100 \$13.00 ea
5/ APC 140 6.7-140 \$13.00 ea
1/ B-253-124-2
1/ B-7485-440-2
1/ C 67380
3/ CT 1E040 5.0-40
1/ CT 1E075 6.0-75.
1/ CT 1F040 5.0-40.
1/ CT 3C040
1/ CT 14E042-M 5.0-42
1/ CT 14E042-J 3.0-10.
1/ CT 14F010-J 3.0-10.
1/ CT 14F042-J 5.0-42
1/ CT 1316047-J 5.5-47.
2/ ES 676693-5
2/ KS-13772
3/ KS-13998L1
1/ KS 18998L14
1/ MACBF-3 1.3-3.1 N.I.B.
1/ MAC-5 N.I.B.
1/ HF-15-X N.I.B.
1/ HF-50 N.I.B.
1/ MAC-20 2.0-21.5
2/ MABF-8 2.0-7.9
1/ MAPC-100 4.5-100. \$13.00
1/ MCD-35 MX 6.0-31. \$15.00
1/ MJ-50-5
1/ P-31800014
1/ P-7761345-15
1/ 34452-40
4/ 841690
1/ 7765659-1 \$25.00

CARDWELL

2/ A-105623 25MuFD \$18.00 ea
3/ ZU-100-AS 3.0-100. \$15.00 ea

B&W

1/ CX-62-C : This is the cap used with the KW plug-in coils \$75.00 new no box

BUD

1/ 1615 AIR GAP-300 75MMFD \$65.00 new no box

EFJ

1/ ? DUAL SECTION 14 3/4" L x 5.50" W 1/8" spacing (approx. measurements)
\$95.00
1/ 48c075 air gap .175 dual sec., 9.75" L x 4" W \$65.00
1/ ? 5.75" L x 4" W single sec. 1/8 " spacing \$55.00
1/ 4134MS4 edge wound 41 uh \$75.00

***** BOOKS & MANUALS

***** HAMMARLUND MANUAL SALE *****

I have a limited number of new manuals i got when i purchased the inventory of

Wayne Cordell.....

These are unused originals. some may have a fade area on the cover from storage before I got them, yet others look almost as they did 35+ years ago. these are new unused and in unread condition.

Here's what's available:

HQ-100.....\$23.00 ea
HQ-145-A.....\$23.00 ea
HXL ONE AMP.....\$23.00 ea
HX 50.....\$23.00 ea
HX-500.....\$23.00 ea

Get them while they last. I have never made them available in such away before. This is a unique opportunity.....

SUPPLIES ARE LIMITED.....FIRST COME FIRST SERVE.....

THE FOLLOWING WILL BE 'COPIES'. Prices are shipped.

HAMMARLUND

Comet Pro	2nd Edition	20.00
Comet Pro	manual 3 AVCModel	20.00
Four 20 xmitter & four 11 modulator		20.00
RGB CHC 46140 / CHC 49154		20.00
HQ - 100		18.00
HQ-100A		18.00
HQ-105TR / TRS		18.00
HQ-110		18.00
HQ-110A		18.00
HQ-120X		18.00
HQ-129X		18.00
HQ-140X		18.00
HQ-140XA		18.00
HQ-145		18.00
HQ-145A		18.00
HQ-145X		18.00
HQ-150		18.00
HQ-160		18.00
HQ-170		18.00
HQ-170A		20.00
HQ-170A WITH VHF ADDENDA		25.00
HQ-180		20.00
HQ-180 E.A.C. VERSION DATED 1970	20.00	
HQ-180 SERIES SERVICE MANUAL 80 PGS.	33.00	
HQ-200		18.00
HQ-205		18.00
HQ-215		20.00
HX-50		20.00
HX-50A ADDENDA TO GO W/ HX-50 MAN.	15.00	
HX-500		20.00
HXL ONE AMP		18.00
HC-10		18.00
SPC-10		18.00
HK-1B		15.00
RDF-10		15.00
SP-200 SERIES FACTORY		18.00
SP-200 / BC SERIES MILITARY		25.00
SP-400X		18.00
SP-600-JX ISSUE 2 1951		23.00
SP-600-JX-J ISSUE 3 1952		23.00
SP-600-JX & J ISSUE 7 1956		23.00
SP-600-JX OP. INSTR.		23.00
SP-600-JX SERVICE INSTR.		23.00
SP-600-JX OVERHAUL		23.00
SP-600-JX-17 OP.		23.00
SP-600-JX-17 PREVENTIVE MANT.		23.00
SP-600-JX17 OVERHAUL INSTR.		23.00
SP-600-JX-17 SERVICE INSTR.		23.00

SP-600-JX-17	TECH. MAN. PARTS CATALOG	23.00
SP-600-JX-17 & JX-21	PREVENT. MAINT.	23.00
SP-600-JX-21	ILLSTRATED PARTS BREAKDOWN	23.00
SP-600-JX-21	SERVICE INSTR.	23.00
SP-600-JX-21	OVERHAUL INSTR.	23.00
SP-600-JX-21-A	ISSUE 1 DEC. 1969	23.00
SP-600-JX-VLF-31		23.00
PRO-310		25.00
AN/URC-51		25.00
HFM-10		18.00
HPS-304		15.00
HFM-30		18.00
CSB-100TH		23.00
FM-5		20.00
FM-50		18.00
FM-60		18.00

ALSO HAVE MANY ADDENDS AND UP-DATE FOR
VARIOUS EQUIPMENT.....E-MAIL YOUR NEEDS

HALLICRAFTERS;

SP-44 COPY	11.00
WR-600G	8.00
WR-600W	8.00
HA-3	6.00
HA-3A	6.00
HA-4	10.00
HA-11	6.00
HA-12	10.00
HA-12A	10.00
HA-13	10.00
HA-26	13.00
HT-40MK1	13.00
HT-40KMK1	13.00
HT-41	13.00
S-29	13.00
S-39	13.00
S-58	4.00
S-119K	13.00
S-200	13.00
SX-140K	13.00
SR-400	18.00
CRX-2	10.00
CRX-2A	10.00
CRX-4	10.00
CRX-5	10.00
CRX-105	10.00

CB-12		10.00
HDW-1		6.00
HDW-2		6.00
HMW-1		6.00
PS-20		6.00
AMECO R5A		13.00
B&W 400		10.00
DENTRON MT3000A		11.00
DRAKE R-4C COPY		12.00
DRAKE T-4XC COPY		12.00
EFJ 275W MATCHBOX		10.00
EFJ VIK. CHALGR. COPY		10.00
ELDICO GDO		12.00
ELDICO TVH		12.00
GONSET COMM. 2		13.00
GONSET G-63		13.00
GONSET G-151A		13.00
GONSET GTS-100/101		10.00
HARVEY WELLS Z-MATCH		13.00
HARVEYWELLS AIRCRAFT ATR-3-6/ATR-3-12		
		/APS-1-6/APS-1-12 13.00
MULTI ELMAC PMR-7		13.00
P&H 6-150		12.00
P&H 2-150		12.00
RME VHF-2-11		12.00
RME HF-10-20		13.00
RME DB-22A		13.00
SWAN 250		15.00
SWAN 270		15.00
SWAN 500		18.00
SPOKANE RADIO TYPE SPF MODEL AF		13.00
WRL UM-1		13.00
WRL SM-90		13.00
GLOBE VOX-10		13.00
GLOBE SM-90		13.00
GLOBE KING 500A COPY		13.00
EICO 730 COPY		13.00
KNIGHT KIT X-10 83Y256		8.00
KNIGHT KIT P-2		6.00
KNIGHT KIT KG-620		8.00
KNIGHT KIT KG-60		8.00
HICKOCK 195B		15.00
HICKOCK 665		15.00
B&K 160		11.00
176		11.00
177		11.00
465		11.00

500 TUB. CHART	10.00
650 OLD COPY	8.00
700	11.00
VARIOUS DUMONT.....E-MAIL	
INTERNATIONAL CRYSTAL FM-2400-C	12.00
MERCURY 100CK & TUBE BOOK	13.00
SPRAGUE KT-1	10.00
JACKSON CRO-2	15.00
MORROW 3-BR	9.00
PRECISE 630	13.00
PRECISE 635	13.00
PRECISION 85	13.00
120	13.00
RCA WR-49A	13.00
RCA WV-77A (NO COVER)	8.00
SECO 107-C	6.00
SENCOR TRANSI-MASTER	6.00
SPECO AS-100-D	6.00
LM-7	9.00
TM-11-666	9.00
MN-5	9.00
SCS-17	6.00
CMX-50128A	9.00
TM-11-2241	9.00
CRR-74028	9.00
TM-11-300L	9.00
BC-603 (SCHEMATIC ONLY)	3.00

HAVE MANY MORE MANUALS.....E-MAIL WITH WANTS

*****EQUIPMENT / ACCESSORIES / TEST EQUIPMENT

TEN-TEC 3/ 1145 MAIN TUNING KNOB	8.00
1/ 1175 SAME AS ABOVE	8.00
4/ 1150 SURGE PROTECTORS	13.00 EA.
1/ 241 CRYSTAL OSCILLATOR	33.00
1/ 679 keyer (internal) for Century 22	23.00
1/ AC-2 monitor for Power Mite Series	13.00

AMECO: 1/ PS-1 POWER SUPPLY	25.00
2/ PS-2 POWER SUPPLY	25.00 EA.
1/ CLB CONVERTER	13.00

Heathkit

IN-12 w/ manual	20.00
IN-22 w. manual	20.00

Eico

330 w/ manual 35.00

Weston

capacity meter model 664 35.00
selective analyzer model 665 35.00

Kent moore

high impedance DMM J-29125 25.00

RCA

Voltohmist WV-77E 20.00

And this list doesn't even come close to everything I have available...

Excuse the Typo's on the first post.

From boatanchors@theporch.com Mon Aug 14 00:30:00 1995
From: q@wx81.tacom.army.mil (Sean McCarthy)
Subject: FS: Hammurlund, Drake
Message-ID: <m0shonU-0005MHC@wx81.tacom.army.mil>

The following equipment is for sale by John Skalski, N8HTV, in Roseville, MI.
I will handle a limited amount of correspondence on his behalf, BUT
IT IS BEST TO CONTACT JOHN DIRECTLY!

All items plus shipping.

Hammurlund HQ-170A \$150 VG to EC

Hammurlund HX-50 w/160 \$200 GC

Hammurlund HXL-ONE \$350 GC

Drake 2A w/2AS \$150 GC

Heath TX-1 (Apachte) w/SB-10 \$100 GC

Yaesu YO-100 monitor scope \$140 GC

AM-6154/GRT-21 VHF 10in-400out Military Amp (FM&SSB) \$275 GC

All items have manuals (some copies)

Contact:

John Skalski

N8HTV

18229 Glendale

Roseville, MI. 48066

(810)445-8175 anytime

As I mentioned earlier, I will handle a VERY LIMITED amount of go-between
but you are best off calling John direct.

Sean

From boatanchors@theporch.com Mon Aug 14 00:30:00 1995

From: Henry van Cleef <vancleef@bga.com>

Subject: HP 200CD oscillator woes

Message-ID: <199508140357.WAA10982@zoom.bga.com>

I spoke too soon about that 200CD oscillator. It had a secondary
oscillation of the output when running about 50-70 CPS, so I tried
tweaking the R50 Dynamic Bal Adj pot. I got a loud FAP out of the box.
Tweaked the pot some more, made no change, so I left it where it was.

I turned the thing off to do something else, then turned it on, and got
a lot of FAP FAP FAP! out of it, but didn't blow the fuse. I can't see
anything that arced, or would arc, in that compartment (the one where

the body of R50 is located) and I wonder if the pot is breaking down.

Anybody got a schematic handy? What's the voltage supposed to be on that pot? This thing is dirt simple, so I haven't bothered with a schematic, but I'd like to be able to pinpoint what's arcing without blowing anything. Also, what's the proper adjustment for R50. I can figure the rest of the tweaks, but that one will take some effort if I have to ohm out the circuit.

--

Hank van Cleef vancleef@bga.com vancleef@tmn.com

From boatanchors@theporch.com Mon Aug 14 00:30:00 1995

From: jeffrey@math.hawaii.edu (Jeffrey Herman)

Subject: Jeff A's problem

Message-ID: <9508132231.AA18945@kahuna.math.hawaii.edu>

Jeff Anderson, WA6AHL, wrote about a problem he's encountered with a seller. My suggestion is this: When any of us have difficulties with a seller (or buyer), pass the fellow's name, callsign, and email address around and have others send off a friendly note, such as "My friend Jeff Anderson said he's having a bit of trouble with the completion of the sale. I was wondering if you could expedite the transaction for him." If that fellow receives about a dozen or so such (nice) emails that might be enough pressure to tie up the loose ends; it's no longer one-on-one but rather a dozen-on-one.

If you pay by US Postal Service money order then, if months and months go buy without receiving all the goods, you can threaten the seller with filing a postal fraud complain with the USPS; this, of course, is a last resort.

Jeff NH6IL

From boatanchors@theporch.com Mon Aug 14 00:30:00 1995

From: "Tony Stalls (K4KY0)" <j38@clark.net>

Subject: Re: Jeff A's problem

Message-ID: <Pine.SOL.3.91.950813211846.29733A-100000@clark.net>

On Sun, 13 Aug 1995, Jeffrey Herman wrote:

> If you pay by US Postal Service money order then, if months and
> months go buy without receiving all the goods, you can threaten
> the seller with filing a postal fraud complain with the USPS;
> this, of course, is a last resort.

Speaking from the perspective of a (now retired) career federal criminal investigator, filing a complaint with the US Postal Inspection Service should probably be done as soon as reasonable attempts to settle the problem one's self have been exhausted. Due to limited resources, the postal inspectors cannot respond to every complaint, so they start with the most severe problems and work their way down.

One thing that makes a case merit pursuing is a history of complaints and obviously the only way one can be established is if the alleged offender's failure to ship the merchandise after being paid has been reported. Unfortunately, most people don't realize that if any part of the transaction took place through the US Mail, the offense falls under the US Postal Inspection Service's jurisdiction. As a result, only a very few alleged violations end up getting reported, so an awful lot of mail fraud goes unpunished.

To illustrate what I mean, my father bought a Craftmatic adjustable bed advertised in a late-night television commercial. As it was about \$1500, he bought it on lay-away and paid for it in six monthly payments. He was given the bed's serial number and all the descriptive data. However, after faithfully mailing all six payments, it turned out that there was no bed and there never was one. I called a Postal Inspector I knew and he told me that policy prohibited their pursuing the investigation because THERE WAS NO HISTORY OF COMPLAINTS. I got busy and within a half-day, I came up with 76 more names of people who had the same thing done to them. None of them had any idea that the postal inspectors had jurisdiction, so they didn't complain.

If the situation with the D-104 is simply the result of the seller having procrastinated, there's no harm done in reporting it. However, if this is a regular thing and it has been reported before, then the name will come up in the database and perhaps something can be done about it. If this person is not acting in good faith and there is no database, then perhaps it's time to start one.

73,
Tony
K4KY0

From boatanchors@theporch.com Mon Aug 14 00:30:00 1995
From: bill@texan.frc0.com (William Hawkins)

Subject: Missing manuals
Message-ID: <9508132003.AA21071@texan.frcos.com>

Back around 22 July, I ordered original manuals for the Hallicrafters SP-44 Panadapter and CRX-3 Aircraft band receiver from Robert Fowle. For whatever reason, they never showed up here. I've talked to him about it. Now, it seems all I can do is ask the group if anyone got those two manuals by mistake. I'd be happy if either the originals or copies showed up at 10300 Colorado Road, Bloomington, MN 55438.

Robert still has manuals for other Hallicrafters CRX series sets. They're not in Moore. Can anyone tell me if the -2 or -4 have any similarity to the -3?

Bill Hawkins bill@bvc.frcos.com

From boatanchors@theporch.com Mon Aug 14 00:30:00 1995
From: davidh@gn2.getnet.com (Dave Hollander)
Subject: Need Cosmetic Restoration Tips
Message-ID: <v01510101ac545b17ad9d@[10.0.2.15]>

Hi All - I am cleaning up an S-38 to give to my daughter. Its electrically FB and not bad cosmetically> I was actually quite amazed at its sensitivity on the bunch with a three foot piece of wire - performed equally poorly to the S-41W I had as a kid and I actually found the ham bands....more than once...hi!! I have some questions on cleaning and restoring the cosmetics that I think I might find some answers for here.

Here they are:

- 1) Tips for cleaning knobs - getting the dirt out of the crevices and bringing back the sheen
- 2) Radio has a tiny bit of silver paint overspray on front panel - any ideas on removing it without destroying the rest of the finish
- 3) Cleaning/waxing the cabinet??
- 4) The cardboard bottom and back covers are warped. Is it possible to flatten them out without destroying them...a bit of moisture maybe???
- 5) Cleaning the dial and dial glass - what is the best thing to use??

Any and all tips and suggestions will be much appreciated

TNX and 73,

Dave N7RK

Dave N7RK
Phoenix, Arizona
ex-N7RK/ZB2, VK2ERK, ZM0AJN, WB6NRK

\\-//
davidh@getnet.com (o!o) N7RK @ N7MRP.AZ.USA.NOAM
-----oo00-(_)-00oo-----
E-Mail Address Packet Radio Address

Home Page <http://www.getnet.com/~davidh>

From boatanchors@theporch.com Mon Aug 14 00:30:00 1995
From: Randall Berry <rberry@CapAccess.org>
Subject: Re: Need Cosmetic Restoration Tips
Message-ID: <Pine.SUN.3.91-FP.950813213236.28117B-100000@cap1.capaccess.org>

On Sun, 13 Aug 1995, Dave Hollander wrote:

> Hi All - I am cleaning up an S-38 to give to my daughter. Its electrically
> FB and not bad cosmetically> I was actually quite amazed at it sensitivity
> on the bunch with a three foot piece of wire - performed equally poorly to
> the S-41W I had as a kid and I actually found the ham bands....more than
> once...hi!! I have some questions on cleaning and restoring the cosmetics
> that I think I might find some answers for here.
>
> Here they are:
>
> 1) Tips for cleaning knobs - getting the dirt out of the crevices and
> bringing back the sheen

I have found a solution of Water and Glass cleaner works very well. Remove the knobs and put them in the solvent let them sit for a while, over night if really crusty. Then scrub them with a tooth brush.

Avoid to much chemicals if the knob has a painted dialog it may soften up and peel off.

>
> 2) Radio has a tiny bit of silver paint overspray on front panel - any
> ideas on removing it with out destroying the rest of the finish
>

Try a No. 7 or equivlant Auto Rubbing compound just rub it on as if you were doing your car.. Repeat as nessesary, you can reduce or increase the rubbing compound as nessesary.

> 3) Cleaning/waxing the cabinet??

>

Clean off the debris from the above step with glass and apliance cleaner or some other cleaner of your choice. Rub on your favorite car wax and rub it off repeat as nessesary.

> 4) The cardboard bottom and back covers are warped. Is it possible to flatten them out without destroying them...a bit of moisture maybe???

Remove the covers place them on a flat surface cover wit ha towel Iron them with a low Steam setting on an Iron.Leave them covered with the towel once Ironed, place a heavy flat object on top (Your copy of War and Peace does serve a purpose) let it sit..

>

> 5) Cleaning the dial and dial glass - what is the best thing to use??

Use a light cleaning soulution like in step 1 and again be carfull of to much strong chemicals to aviod washing off the silk screened dial markings.

Good luck, I've found these steps t obe effective for my restoration projects.

-Randy
-N3LRX

RBerry@CapAccess.org

N3LRX 3885 KHz AM

* Yell-RX Radio * If you give up your right to dream, you have given up
* Bowie, MD. * your will to live.
*

From boatanchors@theporch.com Mon Aug 14 00:30:00 1995

From: Ray Johnston <visions@gate.net>

Subject: Need NC-300 Information

Message-ID: <Pine.A32.3.91.950813215125.14600A-100000@hopi.gate.net>

I have just come into possession of a National NC-300 receiver, but the family threw out the manuals before I got the unit.

Could someone tell me the general specifications of the unit, what options plug into the accessory socket inside the unit, and where I can get the operation and service manual (original or copy) for the unit.

Also, if someone has the matching speaker for the unit, assuming there was a matching speaker for it, I would be interested in getting one.

Thanks...

Ray

Ray Johnston (visions@gate.net) Boca Raton FL USA

From boatanchors@theporch.com Mon Aug 14 00:30:00 1995
From: aa035@detroit.freenet.org (Hartland B. Smith)
Subject: ONE MORE ZAP
Message-ID: <199508140051.UAA23449@detroit.freenet.org>

So far, in all of the shocking experiences I've been reading about, the victims were playing with high voltage vacuum tube equipment. Well, let me warn you. Transistorized gear can also be dangerous to your health.

I have a Sharp dual cassette recorder that I use mainly for dubbing purposes. It developed a miserably loud mechanical noise which led me to think that it might just about be ready for the trash heap. I took the cover off to see what was doing all the screaming. I came to the conclusion that somewhere, there must be a dry bearing.

As usual, I was wearing my Casio digital watch which has a stainless steel wristband. As I was searching around for the noise source, somehow, my watchband landed across the a.c. input voltage to the power transformer. Part of the watchband actually vaporized in a puff of smoke and quite a bit of skin beneath it disappeared, too. I ended up with a very deep burn which kept weeping. In spite of the medication provided by my Dr. the

wound didn't want to heal properly. For awhile, I figured I might end up needing a skin graft. Finally, though, the spot did scab over, but for several years I could still see the scar.

So, keep in mind that even though transistors usually run at relatively low voltages, if there is an a.c. cord attached to a solid state device, the manufacturer may NOT have insulated all the high voltage points which are just waiting to leap out and grab you with possibly lethal consequences.

73, Hart, W8QX, an ex-AM (!) broadcast engineer who should have known better.

Oh yes, I DID fix the squealing. A bit of lubrication applied to one of the plastic pulleys quieted things down and the recorder has been working fine ever since.

From boatanchors@theporch.com Mon Aug 14 00:30:00 1995
From: nwqrp@scn.org (SCN User)
Subject: Power Supply Parts
Message-ID: <199508140137.SAA20287@scn.org>

BA Gang,

I am having trouble finding reasonably priced power transformers. Antique Radio Supply has a limited selection of them for about \$40-\$60 a piece. I would be willing to pay up to half of that.

Specifically, I am looking for a 540 V C.T., 120 mA; 6.3V, 3.5 A;
a 275-0-275 V, 50 mA; 6.3 V, 2 A;
and a 480 V C.T., 55 mA; 6.3 V, 2 A;
5 V, 2 A

Also, does anybody know of a good source for filter chokes and caps?

-- Brian, KV9X

--
i NorthWest QRP Club -----
-[scn]=- BBS: (360) 875-5744 --0---/\\--
)|(| nwqrp@scn.org /^|^/ ^^\

/_|\ \ http://www.scn.org/scripts/menus/n/nwqrp/nwqrp.menu --NW QRP--

From boatanchors@theporch.com Mon Aug 14 00:30:00 1995
From: LBLASKE@aol.com
Subject: Subscribe
Message-ID: <950813191640_73546039@aol.com>

Subscribe

From boatanchors@theporch.com Mon Aug 14 00:30:00 1995
From: KE8NEfix@aol.com
Subject: Re: The ker-ZAPS! of youth [w...
Message-ID: <950813202512_73587263@aol.com>

Hi Fellow Subscribers,

This thing sounds like it's turning into "can you top this". Well, I learned respect for High voltage at a young age, too. While I was still in tech school, we were learning the ins and outs of television sets. At the school we used RCA color sets to learn the color system and learn the alignment procedures. These were the old late fifties/early sixties beasts with metal envelope CRT's. These beauties ran at 26KV and the current regulator system was capable of a couple hundred mils of current for short periods. These things were also supposed to have a large, thick, rubber or plastic, insulator that covered the tube. Well, somehow, the set that I was working on apparently had the insulator removed, and I didn't notice. We were doing convergence alignments, and didn't have enough mirrors to go around, so I was working from the front of the set. These things didn't have any cabinets so you could reach the set adjustments from in front. All was well until I ran into an adjustment pot that was uncooperative. I leaned over that set and laid on the tube. When I woke up, I was across the room.

To say that I saw stars was an understatement. I decided right there that I didn't want to service Television sets and I never have. But I did learn a healthy respect for anything that's plugged in and running. ,These things can KILL you, real quick. To say keep one hand in your pocket isn't enough.

Look the whole thing over before you even touch the thing. In a lot of the old gear that we work on there is 750-1000vdc all over the place. The older it is, the more likely it is to be the case. Please people, BE CAREFUL!

73's
KIM

From boatanchors@theporch.com Sun Aug 13 10:35:00 1995
From: Bill VanAlstyne <bill@cruz.com>
Subject: The ker-ZAPS! of youth [was: RE:Favorite Tube]
Message-ID: <199508130257.AA07010@cruz.com>

At 08:07 PM 8/12/95 -0500, Jim Durham wrote:

>...One day..time for the big test.. put the 220 on the transformer.
>Hit the plate switch...
>
>KA>>>BLAMMMMMMM! All the lights go out.. sound of KLUMP..KLUMP..KLUMP..
>my 54 year old father took the stairs in 3 leaps! He thought I was
>DEAD for sure. I thought so too for a moment, but, other than ringing
>ears, I looked better than he did ! KIDS!

Indeed!

I think I was about the same age when, having tuning troubles with my homebrew HF transmitter and in a hurry not to miss a sked, I violated the CARDINAL RULE OF RADIO... I was holding the chassis upright with one hand and poking around in it with the other, when I grabbed something I didn't *think* was hot, but which was in fact the 800VDC B+, capable of supplying somewhere around half an amp...

What followed seemed like it all happened in slow motion. I couldn't move my hands or arms; they had become immobilized -- and there was a horrid, throaty bellow coming from my mouth, quite involuntarily. It all felt as if it were happening to someone else. Somewhere in the back of my mind, however, it occurred to me that I was in *big trouble*. But my legs still worked, and somehow, perhaps instinctually, I took a couple steps backwards, causing the rig to be pulled off the desk and fall to the floor, breaking the electrical circuit through my body.

At about this moment my mother and father showed up at the door of my room, eyes wide with fear and faces blanched. Even as I was trying to clear my dazed consciousness, I realized that if they believed anything of a really serious electrical nature had just happened, my radio days were over! So I grinned and said something lame about being clumsy and dropping the rig on my foot... Everything is fine, really. You know how I over-react to stuff... They left shaking their heads. Then I sat down to catch my breath and wonder how close I had just come to buying it. Thank heavens it wasn't a 2KW linear!

Well, I've been pretty respectful around HV ever since then, and have never since been seriously shocked. But I'll bet a lot of guys who were teen-age newbie hams in the '50s and '60s have similar stories to tell...

Oh, BTW, the rig survived its tumble to the deck quite unscathed; I got it back on the desk, fixed and tuned up in time to make my sked after all. Wasn't going to let a little thing like almost getting killed cause me to miss a *new state*... :)

Bill VanAlstyne

N6FN
bill@cruz.com

From boatanchors@theporch.com Sun Aug 13 10:35:00 1995
From: Kevin J Pease <kevin@mm1001.theporch.com>
Subject: Re: The ker-ZAPS! of youth [was: RE:Favorite Tube]
Message-ID: <Pine.LNX.3.91.950813064206.12086A-100000@mm1001.theporch.com>

That reminds me of a similar incident about 20 years ago. I was working on a fellow ham's SB-102 with the power on and the final cage lid open when I got my finger caught between a plate cam and ground. It burned a hole all the way through the tip of my finger. I could see a white trail of puss. It hurt like real bad. I ofcourse finished what I was checking and got the rig working without any more incident. I certainly learned to respect 800 VDC more after that.

Kevin J Pease
WB0JZG Mt Juliet, TN.
mm1001.theporch.com

From boatanchors@theporch.com Mon Aug 14 00:30:00 1995
From: jproc@worldlinx.com
Subject: RE: The ker-ZAPS! of youth [was: RE:Favorite Tube]
Message-ID: <Chameleon.4.01.2.950813143913.jproc@>

>What followed seemed like it all happened in slow motion. I couldn't move my
>hands or arms; they had become immobilized -- and there was a horrid,
>throaty bellow coming from my mouth, quite involuntarily.

Bill,

Your story remined me of my accident while a student at Radio College. I had swung down the chassis of a Marconi transmitter during lab. Exposed and pointed right at me were the caps of the four final tubes. Noting that 600 VDC was present on the caps, and the electrical hazard in front of me, I was very respectful of the beast. The exercise was to key the transmitter and record voltages on a chart. For a reason which now escapes me, I let down my guard, keyed the transmitter and managed to come in contact with one of the caps with my right arm while the left one was on the chassis. Pow, kebam - 600VDC and 100 watts RF at the same time. The whole school must have heard my

bellow. It was this involuntary action which broke the circuit being provided by my body. For several minutes thereafter, my hands remained clenched and paralyzed. Eventually everything returned back to normal working order, however, my chest muscles were sore for the next couple of days. The scar left by the burn wasn't very big, but it certainly provided me with vigilance reminders for the next 15 years or so until it vanished. It's truly amazing how some of us didn't 'bite the big one' during our personal misfortune.

Regards,

Jerry Proc, VE3FAB
Radio Restoration Volunteer
HMCS Haida
E-mail: jproc@worldlinx.com
Toronto, Ontario

From boatanchors@theporch.com Mon Aug 14 00:30:00 1995
From: Randall Berry <rberry@CapAccess.org>
Subject: Re: The ker-ZAPS! of youth [was: RE:Favorite Tube]
Message-ID: <Pine.SUN.3.91-FP.950813164220.11448B-100000@cap1.capaccess.org>

Well I guess we've all had these experiences know I don't feel so stupid :) Anyway hers my story..

I was woring on my Apache and I was checking voltages, some how I still dont know how but 1000VDC from the plate jumped out and bit my right index finger,
involatarilly i started fliping my hand and I could physoligically feel the pain, Then I realized wait, its not my right hand thats hurting! I then noticed my left hand resting on the chassis, pause... Ouch! its my left hand that hurting! Wow I burned a hole in my left 1st finger and it hurts like hell! I just found it funny how my mind atutomatically asumed it was the finger that took the hit, then I realized that finger was not hurt at all! The pain rapidly moved across my body and reached my left hand! Then the usual feeling of somone sitting on your chest, and numbness..

Very funny how the body works.. Anyway I've been told Im lucky because of the curent making a path through my heart it may have been this fools last revolution around the sun!

See Ya!

-Randy, N3LRX
-Owner of the Famous Gaithersbug Paperweights!

RBerry@CapAccess.org

N3LRX 3885 KHz AM

* Yell-RX Radio * If you give up your right to dream, you have given up
* Bowie, MD. * your will to live.
* AMI 594 *

From boatanchors@theporch.com Mon Aug 14 00:30:00 1995

From: "Tony Stalls (K4KY0)" <j38@clark.net>

Subject: RE: The ker-ZAPS! of youth [was: RE:Favorite Tube]

Message-ID: <Pine.SOL.3.91.950813165940.5698B-100000@clark.net>

Hi Fellow Fricassee-ites,

My story is short (zap!). I was a Novice, I was fooling with my Johnson Viking Adventurer and when looked inside, I touched my nose to the 807 plate cap. Contact couldn't have been more than a few milliseconds, but I remember it VERY well.

I also stuck my hand inside the final of my Yaecomwood. Nothing! One more reason why those thongs are no fun!

73,
Tony
K4KY0

From boatanchors@theporch.com Sun Aug 13 10:35:00 1995

From: Randall Berry <rberry@CapAccess.org>

Subject: Transmitter 4 sale/trade

Message-ID: <Pine.SUN.3.91-FP.950812194234.3350C-100000@cap1.capaccess.org>

Hello!

I have an SRT 15 Military Transmitter that is looking for a good home I just dont have the psace for it. Nor the time to work on it. Heres the info on it!

Model SRT-15
built for Navy Dept. Bureau of Ships
Built by Federal Telephone and Radio Company
Aprox: WWII Era
Weight at least 1000 Lbs. (No kidding!)
size 15" (W) 5' (H) 24" (D)

Modes RTTY,CW,Fax,Phone(Asumed AM)

Final 4-400 (less tube)
No Manual!

I would like to get rid of this thing for best offer OR trade for either a Homebrew AM High Level Mod. (No Slopbucket) Transmitter or a T-368 (T-3 is only a dream but you never know!) I realy would like to find a home for this thing its just to complex in machinery and I don't have time no patiance to work on it. Would prefer a rig that is striagt forward layout and not as compact. I am ready to eitrlher trade sell or SCRAP yes that word that wreaks horror! SCRAP! I can get rid of it by parts (and use quite a few myself!) but I wanted to see if any collectors wanted it first.. Heres your chance to find out why a battle ship weighs so much! its the heaviest fileing cabinet you've ever seen!

Intrested Leave E-Mail

-Randy
-N3LRX

RBerry@CapAccess.Org

RBerry@CapAccess.org N3LRX 3885 KHz AM
* Yell-RX Radio * Don't Forget AMI Discovery Weekend Sept. 8-9-10 1995!
* Bowie, MD * Also: Special Event Station From Gaithersburg Hamfest
* AMI 594 * Discovery Weekend! Live on 75! Look for us!

From boatanchors@theporch.com Mon Aug 14 00:30:00 1995
From: HAMRLUND@aol.com
Subject: Wanted: Hammarlund
Message-ID: <950813205859_73608873@aol.com>

CONTACT: Robert Fowle.....Hamrlund@aol.com
Ph.517-789-6721.....
1215 Winifred....Jackson, Mich. 49202-1946
| |
---|---|---> the Hammarlund guy
| |

I'm looking for anything by HAMMARLUND:

literature -----> spec sheets, sales flyers, sales catalogs
parts -----> new & used, old dealer inventories, parts units

equipment -----> dead or alive
accessories ----> speakers, clocks, xtals, xtal boxes, anything
files -----> from: factory, service stations, authorized dealers
manuals -----> factory or military

From boatanchors@theporch.com Mon Aug 14 00:30:00 1995
From: "Tony Stalls (K4KY0)" <j38@clark.net>
Subject: What's it Worth?
Message-ID: <Pine.SOL.3.91.950813173509.14611A-100000@clark.net>

I was answering some mail this afternoon and came across something that some of you might find interesting. In response to my advertisement in the last QCWA Journal looking for BC-375/BC-191 and BC-348 goodies, I received one reply offering a BC-348 for \$250 and VT-4C's for \$100 each.

I guess it doesn't hurt to ask.

73,
Tony
K4KY0

From boatanchors@theporch.com Mon Aug 14 00:30:00 1995
From: davidh@gn2.getnet.com (Dave Hollander)
Subject: WTB: NC-200 Speaker
Message-ID: <v01510100ac54bb6013d3@[10.0.2.15]>

Hi all. I have a National NC-200 Silver Anniversary Edition which I have been using for the past year as part of my boat anchor station on 80 and 40, CW and AM. What I am wondering is what factory speaker went with this National receiver. Also looking to buy one if there is one out there.

Of my 40's and 50's boat anchor receivers, this and my Collins 51S-1 are my two favorites. I really find the NC-200 to be amazing in performance considering it was probably designed in the 1930's. Millen really did a fb

engineering job on this receiver

Anybody know the model number or have one??

Thanks and 73,
Dave N7RK

Dave N7RK
Phoenix, Arizona
ex-N7RK/ZB2, VK2ERK, ZM0AJN, WB6NRK

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